

EXECUTIVE OFFICER SUMMARY REPORT
AUGUST 13, 2003

ITEM: 14

SUBJECT: NPDES PERMIT: WASTE DISCHARGE REQUIREMENTS FOR IDEC PHARMACEUTICALS CORPORATION, NEW IDEC MANUFACTURING OPERATIONS (NIMO), OCEANSIDE, SAN DIEGO COUNTY (TENTATIVE ORDER NO. R9-2003-0140, NPDES PERMIT NO. CA0109193) (Hashim Navrozali)

PURPOSE:

1. To receive comments from interested parties regarding the tentative NPDES permit for proposed discharges of brine and other wastes from IDEC Pharmaceutical Corporation's proposed NIMO facility to the Pacific Ocean via the Oceanside Ocean Outfall.
2. Consider the adoption of tentative Order No. R9-2003-0140.

PUBLIC NOTICE: The NPDES permit hearing notice was published in the North County Times on July 3, 2003. Copies of the permit hearing notice, Fact Sheet, and tentative Order were mailed on July 10, 2003 to the discharger and to all known interested parties and agencies. Copies were made available for public review at the Regional Board office on July 10, 2003.

These actions served as the 30-day official public notification for this action, as required by Title 40, Section 124.10 of the Code of Federal Regulations.

DISCUSSION: IDEC Pharmaceuticals Corporation (IDEC) develops targeted immunotherapies for cancer and autoimmune diseases. As part of the company's strategic growth, IDEC is in the process of constructing a large-scale biologics production facility to be located in the City of Oceanside in North San Diego County. The new facility will be known as the New IDEC Manufacturing Operations (NIMO).

On February 18, 2003, IDEC submitted a Report of Waste Discharge (RWD) for a NPDES permit for 155,000 gallons per day (maximum flow rate) of proposed discharges of brine and other wastes associated with water softening and purification processes and other non-industrial maintenance type activities at its proposed NIMO facility in Oceanside. The waste discharges regulated under the NPDES permit will be routed to the Pacific Ocean through the Oceanside Ocean Outfall (OOO) via the Oceanside Land Outfall (OLO).

No wastes produced by or in conjunction with the biologics manufacturing processes at the NIMO facility will be regulated under tentative Order No. R9-2003-0140. All wastewater produced by the biologics manufacturing processes will be discharged to the City of Oceanside's (City) sanitary sewer system. These discharges will be regulated under an Industrial Wastewater Discharge Permit issued to IDEC by the City's Water Utilities Department.

The discharges regulated under tentative Order No. R9-2003-0140 include brine wastes generated from the backwashing and rinsing of the multimedia filters and water softeners that are used to treat incoming City water.

The design capacity of the OOO is 30 MGD (average daily flow), with a maximum rated peak day capacity of 45 MGD. The OOO is currently permitted to accept 23.4 MGD of average daily flows. These include 21 MGD of effluent from the City of Oceanside's San Luis Rey and La Salina Wastewater Treatment Plants and the Mission Basin brackish groundwater desalinization facility (Order No. 2000-11) and 2.4 MGD of waste discharges from the Fallbrook Public Utility District's (FUPD) Treatment Plant No. 1 (Order No. 2000-12). The United States Marine Corp Base – Camp Pendleton (USMCB CP) is also proposing to discharge 3.6 MGD of combined average daily flows from its four Santa Margarita River wastewater treatment plants.

The effluent limitations in tentative Order No. R9-2003-0140 (including Whole Effluent Toxicity (WET), grease and oil, settleable solids, turbidity, pH limits) were based on water quality objectives outlined in Table A and Table B of the Ocean Plan.

The tentative Monitoring and Reporting Program (MRP) specifies that the receiving water and sediment monitoring program for the OOO may be conducted jointly by IDEC with the City of Oceanside, and any other agencies/dischargers utilizing the OOO. Only those receiving water, sediment, and biological parameters that are impacted

by or attributable to the discharge from the NIMO facility are included in the tentative MRP.

As of July 30, 2003 no comment letters regarding tentative Order No. R9-2003-0140 have been received. Staff will be preparing a response to comments document to address any written comments received by the cutoff date of August 6, 2003. The response to comments document will be provided to Regional Board members prior to the August 13, 2003 hearing.

LEGAL CONCERNS: None

SUPPORTING
DOCUMENTS:

1. Location Map
2. Tentative Order No. R9-2003-0140, draft NPDES Permit No. CA0109185 (includes Monitoring and Reporting Program).
3. Fact Sheet for tentative Order No. R9-2003-0140.
4. Copies of tentative Order transmittal letters to discharger and interested parties, dated July 10, 2003.
5. Copy of newspaper publication of public notice for tentative Order, dated July 3, 2003.

RECOMMENDATION: Staff recommends adoption of tentative Order No. R9-2003-0140.